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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/668,548	09/23/2003	Kuen-Chu Lai	U 014819-1	2919

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Ladas & Parry
26 West 61st Street
New York, NY 10023

EXAMINER

TRAN, VINCENT HUY

ART UNIT	PAPER NUMBER
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2115

DATE MAILED: 12/23/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/668,548

Applicant(s)

LAI, KUEN-CHU

Examiner

Vincent T. Tran

Art Unit

2115

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 September 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 23 September 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date: _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date: _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-6 are pending for examination.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-6 are rejected under 35 U.S.C. 102(b) as being anticipated by Huggins et al.
U.S. Patent 5,894,551.

4. As per claim 1, Huggins et al. disclose a apparatus for data safety, comprising:
a power switch device [28 fig. 1], having a first power output [174 fig. 1] and a second power output [144 fig. 1], for switching an input power to ensure that side first power output and side second power output do not supply power simultaneously [col. 2 lines 5-20; col. 3 lines 45-64];
a first network card [20 fig. 1], powered by said first power output of said power switch device [fig. 1];
a first data storage device [from col. 2 line 66 to col. 3 line 10], powered by said first power output of said power switch device, for storing the data sourced from said first network card, and for activating an operating system [col. 3 lines 45-54];
a second network card [22 fig. 1], powered by said second power output of said power switch device [fig. 1]; and

a second data storage device, powered by said second power output of said power switch device, for storing the data sourced from said second network card [col. 3 lines 66] and for activating an operating system [inherent].

5. As per claim 2, Huggins et al. disclose the machine address of the first network card and the second network card are each bound with an IP address [inherent].

6. As per claim 3, Huggins et al. disclose the first data storage device is selected from the group consisting of disk on chip, disk on module, and compact flash memory [col. 2 line 66].

7. As per claim 4, see discussion in claim 3.

8. As per claim 5, Huggins et al. disclose an apparatus for data safety, comprising:

a power switch device [28 fig. 1], having a first power output [174 fig. 1] and a second power output [144 fig. 1], for switching an input power to cause said first power output and said second power output do not supply power simultaneously [col. 2 lines 5-20; col. 3 lines 45-64];

a first network card [20 fig. 1], powered by said first power output of said power switch device [174 fig. 1], the machine address of said first network card being bound with an IP address [inherent];

a second network card [22 fig. 1], powered by said second power output of said power switch device [144 fig. 1], the machine address of said second network card being bound with an IP address [inherent]; and

a data storage device, comprising two data storage components respectively powered by said first power output and said second power output of said power switch device, for respectively storing the data sourced from said first network card and said second network card [col. 2 lines 5-20; col. 3 lines 45-64], wherein said data storage device further provides a connecting line linking to a mainboard for transmitting data to said mainboard [24 fig 1; col. 2 lines 66-67].

9. As per claim 6, see discussion in claim 3.

Conclusion

Prior Art not relied upon:

Please refer to the references listed in attached PTO-892, which, are not relied upon for claim rejection since these references are relevant to the claimed invention.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Vincent T. Tran whose telephone number is (571) 272-7210. The examiner can normally be reached on 7:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas c. Lee can be reached on (571) 272-3667. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2115

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



CHUN CAO
PRIMARY EXAMINER

10. Vincent Tran.